

Page 1, between lines 24 and 25, insert the following heading:

a4 --BRIEF DESCRIPTION OF THE DRAWINGS--.

Page 2, between lines 5 and 6, insert the following heading:

a5 --DESCRIPTION OF THE PREFERRED EMBODIMENTS--.

✓ IN THE CLAIMS:

✓ Cancel claims 1-4.

Add the following new claims:

a6 --5. (new) A motor driven machine, comprising:
a switch reluctance motor;
a motor spindle extending from the motor; and
a machine spindle formed as a unitary extension of
the motor spindle,

the machine spindle being adapted to, in use, be ^{(as a}
_{lower}
attachable to a work piece.--

--6. (new) The motor driven machine of claim 5,
wherein,

the machine is a lathe with a bed,
the machine spindle is a headstock spindle, and
a longitudinal axis of the motor spindle and a
longitudinal axis of the headstock spindle lie on substantially
the same axis.--